

**TABLE 1:
DRAFT - SHALLOW SOIL SAMPLE ANALYTICAL TABLE
REEDS FERRY ELEMENTARY SCHOOL
TOWN OF MERRIMACK, HILLSBOROUGH COUNTY**

PARAMETER	Client Sample ID Lab Sample ID Units	H. Playground (0" - 6") 8359074 ng/g		H. Playground (6" - 12") 8359075 ng/g		D. Lacrosse Field #2 (0" - 6") 8359018 ng/g		D. Lacrosse Field #2 (6" - 12") 8359019 ng/g		C. Lacrosse Field #1 (0" - 6") 8359023 ng/g		C. Lacrosse Field #1 (6" - 12") 8359024 ng/g		C. Lacrosse Field #1 (12" - 18") 8359025 ng/g		NHDES Direct Exposure Criteria Value ng/g
		Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	
		Perfluoro-octanesulfonate		0.80 U	0.80	0.79 U	0.79	31	0.85	59	0.84	28	0.86	4.5	0.86	
Perfluorobutanesulfonate		0.57 U	0.57	0.56 U	0.56	0.60 U	0.60	0.60 U	0.60	0.62 U	0.62	0.61 U	0.61	0.60 U	0.60	NA
Perfluorodecanoic acid		0.23 U	0.23	0.23 U	0.23	5.5	0.24	4.5	0.24	3.5	0.25	0.24 U	0.24	0.24 U	0.24	NA
Perfluorododecanoic acid		0.45 U	0.45	0.45 U	0.45	2.9	0.48	1.0	0.48	1.6	0.49	0.49 U	0.49	0.48 U	0.48	NA
Perfluoroheptanoic acid		0.34 U	0.34	0.34 U	0.34	0.36 U	0.36	0.36 U	0.36	0.37 U	0.37	0.37 U	0.37	0.36 U	0.36	NA
Perfluorohexanesulfonate		0.57 U	0.57	0.56 U	0.56	0.60 U	0.60	0.60 U	0.60	0.62 U	0.62	0.61 U	0.61	0.60 U	0.60	NA
Perfluorohexanoic acid		0.23 U	0.23	0.23 U	0.23	0.58	0.24	0.54	0.24	0.32 J	0.25	0.24 U	0.24	0.35 J	0.24	NA
Perfluorononanoic acid		0.23 U	0.23	0.23 U	0.23	0.92	0.24	1.1	0.24	1.6	0.25	0.57	0.24	0.24 U	0.24	NA
Perfluorooctanoic acid		0.34 U	0.34	0.34 U	0.34	2.1	0.36	1.9	0.36	1.5	0.37	2.2	0.37	2.6	0.36	500
Perfluorotetradecanoic acid		0.34 U	0.34	0.34 U	0.34	0.62 J	0.36	0.45 J	0.36	0.49 J	0.37	0.37 U	0.37	0.36 U	0.36	NA
Perfluorotridecanoic acid		0.68 U	0.68	0.68 U	0.68	0.72 U	0.72	0.72 U	0.72	0.74 U	0.74	0.73 U	0.73	0.72 U	0.72	NA
Perfluoroundecanoic acid		0.34 U	0.34	0.38 J	0.34	0.99	0.36	0.41 J	0.36	0.73 J	0.37	0.37 U	0.37	0.36 U	0.36	NA
Moisture (%)		12.0	0.50	11.4	0.50	17.2	0.50	17.1	0.50	19.0	0.50	18.3	0.50	17.0	0.50	NA

PARAMETER	Client Sample ID Lab Sample ID Units	C. Lacrosse Field #1 (18" - 24") 8359026 ng/g		A. Bball Outfield #1 (0" - 6") 8359036 ng/g		A. Bball Outfield #1 (6" - 12") 8359037 ng/g		A. Bball Outfield #1 (12" - 18") 8359038 ng/g		A. Bball Outfield #1 (18" - 24") 8359039 ng/g		B. Bball Outfield #2 (0" - 6") 8359040 ng/g		B. Bball Outfield #2 (6" - 12") 8359041 ng/g		NHDES Direct Exposure Criteria Value ng/g
		Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	
		Perfluoro-octanesulfonate		0.88 U	0.88	1.0 J	0.86	0.84 U	0.84	0.84 U	0.84	0.83 U	0.83	2.2 J	1.0	
Perfluorobutanesulfonate		0.63 U	0.63	0.61 U	0.61	0.60 U	0.60	0.60 U	0.60	0.59 U	0.59	0.73 U	0.73	0.64 U	0.64	NA
Perfluorodecanoic acid		0.25 U	0.25	0.25 U	0.25	0.24 U	0.24	0.24 U	0.24	0.24 U	0.24	0.29 U	0.29	0.26 U	0.26	NA
Perfluorododecanoic acid		0.50 U	0.50	0.49 U	0.49	0.48 U	0.48	0.48 U	0.48	0.47 U	0.47	0.58 U	0.58	0.51 U	0.51	NA
Perfluoroheptanoic acid		0.38 U	0.38	0.37 U	0.37	0.36 U	0.36	0.36 U	0.36	0.36 U	0.36	0.44 U	0.44	0.38 U	0.38	NA
Perfluorohexanesulfonate		0.63 U	0.63	0.61 U	0.61	0.60 U	0.60	0.60 U	0.60	0.59 U	0.59	0.73 U	0.73	0.64 U	0.64	NA
Perfluorohexanoic acid		0.31 J	0.25	0.25 U	0.25	0.24 U	0.24	0.24 U	0.24	0.24 U	0.24	0.29 U	0.29	0.26 U	0.26	NA
Perfluorononanoic acid		0.25 U	0.25	0.28 J	0.25	0.24 U	0.24	0.24 U	0.24	0.24 U	0.24	0.29 U	0.29	0.26 U	0.26	NA
Perfluorooctanoic acid		3.4	0.38	1.1	0.37	1.6	0.36	1.3	0.36	1.0	0.36	1.9	0.44	1.9	0.38	500
Perfluorotetradecanoic acid		0.38 U	0.38	0.37 U	0.37	0.36 U	0.36	0.36 U	0.36	0.36 U	0.36	0.44 U	0.44	0.38 U	0.38	NA
Perfluorotridecanoic acid		0.75 U	0.75	0.74 U	0.74	0.72 U	0.72	0.72 U	0.72	0.71 U	0.71	0.87 U	0.87	0.77 U	0.77	NA
Perfluoroundecanoic acid		0.38 U	0.38	0.37 U	0.37	0.36 U	0.36	0.36 U	0.36	0.36 U	0.36	0.44 U	0.44	0.38 U	0.38	NA
Moisture (%)		20.5	0.50	18.4	0.50	16.9	0.50	16.5	0.50	15.7	0.50	31.1	0.50	21.6	0.50	NA

PARAMETER	Client Sample ID Lab Sample ID Units	G. SL Memorial Outfield (0" - 6") 8359045 ng/g		G. SL Memorial Outfield (6" - 12") 8359046 ng/g		F. Playground (0" - 6") 8359047 ng/g		F. Playground (6" - 12") 8359048 ng/g		E. Reeds Ferry Nature Trail (0" - 6") 8359049 ng/g		E. Reeds Ferry Nature Trail (6" - 12") 8359050 ng/g		I. Playground (0" - 6") 8359079 ng/g		NHDES Direct Exposure Criteria Value ng/g
		Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	
		Perfluoro-octanesulfonate		0.87 U	0.87	0.81 U	0.81	3.6	1.3	4.4	0.87	1.0 U	1.0	0.93 U	0.93	
Perfluorobutanesulfonate		0.62 U	0.62	0.58 U	0.58	0.91 U	0.91	0.62 U	0.62	0.72 U	0.72	0.66 U	0.66	0.55 U	0.55	NA
Perfluorodecanoic acid		0.25 U	0.25	0.23 U	0.23	0.36 U	0.36	0.25 U	0.25	0.29 U	0.29	0.27 U	0.27	0.22 U	0.22	NA
Perfluorododecanoic acid		0.50 U	0.50	0.47 U	0.47	0.73 U	0.73	0.50 U	0.50	0.58 U	0.58	0.53 U	0.53	0.44 U	0.44	NA
Perfluoroheptanoic acid		0.37 U	0.37	0.35 U	0.35	0.54 U	0.54	0.37 U	0.37	0.53 J	0.43	0.40 U	0.40	0.33 U	0.33	NA
Perfluorohexanesulfonate		0.62 U	0.62	0.58 U	0.58	0.91 U	0.91	0.62 U	0.62	0.72 U	0.72	0.66 U	0.66	0.55 U	0.55	NA
Perfluorohexanoic acid		0.25 U	0.25	0.23 U	0.23	0.48 J	0.36	0.25 U	0.25	0.32 J	0.29	0.27 U	0.27	0.22 U	0.22	NA
Perfluorononanoic acid		0.25 U	0.25	0.23 U	0.23	0.39 J	0.36	0.25 U	0.25	0.33 J	0.29	0.27 U	0.27	0.22 U	0.22	NA
Perfluorooctanoic acid		1.3	0.37	0.76	0.35	0.72 J	0.54	0.38 J	0.37	2.0	0.43	3.2	0.40	0.33 U	0.33	500
Perfluorotetradecanoic acid		0.37 U	0.37	0.35 U	0.35	0.54 U	0.54	0.37 U	0.37	0.43 U	0.43	0.40 U	0.40	0.33 U	0.33	NA
Perfluorotridecanoic acid		0.74 U	0.74	0.70 U	0.70	1.1 U	1.1	0.74 U	0.74	0.87 U	0.87	0.80 U	0.80	0.66 U	0.66	NA
Perfluoroundecanoic acid		0.37 U	0.37	0.35 U	0.35	0.54 U	0.54	0.37 U	0.37	0.43 U	0.43	0.40 U	0.40	0.33 U	0.33	NA
Moisture (%)		19.2	0.50	14.0	0.50	44.9	0.50	19.2	0.50	30.8	0.50	24.7	0.50	9.6	0.50	NA

PARAMETER	Client Sample ID Lab Sample ID Units	I. Playground (6" - 12") 8359080 ng/g		I. Playground (12" - 18") 8359081 ng/g		I. Playground (18" - 24") 8359082 ng/g		NHDES Direct Exposure Criteria Value ng/g
		Dry Result	Dry MDL	Dry Result	Dry MDL	Dry Result	Dry MDL	
		Perfluoro-octanesulfonate		1.5 J	0.80	0.82 U	0.82	
Perfluorobutanesulfonate		0.57 U	0.57	0.58 U	0.58	0.58 U	0.58	NA
Perfluorodecanoic acid		0.34 J	0.23	0.23 U	0.23	0.23 U	0.23	NA
Perfluorododecanoic acid		0.46 U	0.46	0.47 U	0.47	0.46 U	0.46	NA
Perfluoroheptanoic acid		0.34 U	0.34	0.35 U	0.35	0.35 U	0.35	NA
Perfluorohexanesulfonate		0.57 U	0.57	0.59 U	0.59	0.58 U	0.58	NA
Perfluorohexanoic acid		0.23 U	0.23	0.23 U	0.23	0.23 U	0.23	NA
Perfluorononanoic acid		0.33 J	0.23	0.23 U	0.23	0.23 U	0.23	NA
Perfluorooctanoic acid		0.34 U	0.34	1.1	0.35	1.3	0.35	500
Perfluorotetradecanoic acid		0.34 U	0.34	0.35 U	0.35	0.35 U	0.35	NA
Perfluorotridecanoic acid		0.69 U	0.69	0.70 U	0.70	0.69 U	0.69	NA
Perfluoroundecanoic acid		0.34 U	0.34	0.35 U	0.35	0.35 U	0.35	NA
Moisture (%)		12.9	0.50	14.6	0.50	13.2	0.50	NA

Qualifiers and Notes:
 Concentrations denoted in ng/g or parts per billion (ppb)
 U denotes analyte was not detected at the value indicated
 J denotes an estimated value greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ or Reporting Limit)
 NA denotes not applicable